



Product Information

DA7R-LS DA7R-modified liposomes

Cat. No.: X26-05-ZQ2599

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: DA7R-modified liposomes; DA7R-LS; DA7R peptide-functionalized LPs

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	This advanced engineered system features DA7R peptide functionalized liposomes (DA7R-LS). The vesicle architecture utilizes a stable phospholipid-cholesterol bilayer shell whose exterior boundary is surface-modified with specific DA7R d-peptide targeting sequences linked <i>via</i> covalent polymer-lipid anchors. This surface modification alters the interfacial water structure and surface charge topography, establishing a dense target-mimetic macromolecular ligand array that completely prevents physical vesicle aggregation while isolating the active internal core template.
Source	Custom synthesis
Functional Group	DA7R peptide
Form	Solid or powder
Purity	≥95%
Impurities	No visible impurities to the naked eye.
Identity	HPLC/MS/NMR
Stability	This product is stable for one year when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Storage	Store at -20°C.